

netis®

Easy Network, Trustable

24GE+4 SFP-Port Gigabit Ethernet SNMP PoE Switch

PE6328GF



Features:

- > 24*10/100/1000 Mbps Ethernet ports, 4*1000 Mbps SFP Slots
- > Complies with IEEE 802.3at/af standards
- > Port 1 to port 24 supports PoE power up to 30W, 300W for all PoE ports
- > Supports PoE IEEE 802.3at/af compliant Powered Device (PD)
- > Intelligent Power Management, Support configuration port power priority
- > The warning LED for MAX PoE power status
- > 56Gbps switching fabric capacity
- > Supports SSH v1/v2 switch management
- > Supports IEEE 802.1Q VLAN
- > Supports Spanning Tree Protocol
- > Supports LLDP, DLDAP
- > Supports DHCP Snooping, Relay and Option 82
- > Supports IGMP Snooping v1/v2/v3
- > Supports Multicast VLAN Registration
- > Supports broadcast storm control
- > Supports powerful security functions like ACL, dynamic ARP inspection and more
- > Supports SNMP v1/v2c/v3 , SSH v1/v2 switch management
- > Supports WEB/CLI managed modes

What it does:

The 24GE+4 SFP-Port Gigabit Ethernet SNMP PoE Switch PE6328GF is ideal for medium to large Internet bar or enterprise, and it fully complies with IEEE802.3/802.3u/802.3ab/802.3z Ethernet standards. It provides 24 10/100/1000Mbps RJ45 Ports and 4 Gigabit SFP Ports. All the 24 RJ45 ports support IEEE 802.3at/af Power over Ethernet(PoE) function. It also provides powerful management functions, including 802.1p (QoS), DiffServ(QoS), IGMP Snooping, 802.1w (Rapid Spanning Tree), Link Aggregation, 802.1q (VLANs), 802.1x and more.

Specification:

Hardware

Interface	24* 10/100/1000Mbps Fast Ethernet ports,with PoE function 4* Gigabit SFP ports 1* Console port
LED	PWR, SYS, LINK/ACT, Speed, PoE, MAX
Power Supply	100-240 V AC/50-60Hz
PoE Power	300watts (max. with PD connected)
Cabling Type	10BASE-T:UTP Cat.3 or up 100 BASE-TX:UTP Cat.5 or up Single-mode or Multi-mode fiber (with SFP connect) for fiber port
Dimensions (L xW x H)	432 x349x 44 mm

Software

Standard	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3x,IEEE 802.3ad,IEEE802.3z, IEEE802.3at, IEEE802.3af, IEEE 802.1p, IEEE 802.1q, IEEE 802.1d, IEEE 802.1w,IEEE 802.1s		
Switching Fabric Capacity	56 Gbps		
MAC Address Table	8K, auto-learning & auto-aging		
Transmission Method	Store and Forward		
Packet Buffer Memory	4.1 Mbits		
Link Aggregation	Cisco ether-Channel (Static Trunk) Up to 8 Trunk groups	IEEE 802.3ad LACP (Link Aggregation Control Protocol) Up to 8 ports per trunk group	
Spanning Tree Protocol (STP)	STP, IEEE 802.1D (Classic Spanning Tree Protocol) RSTP, IEEE 802.1w (Rapid Spanning Tree Protocol) MSTP, IEEE 802.1s (Multiple Spanning Tree Protocol, spanning tree by VLAN) Loopback detection		
Multicast	IGMP Snooping V1/V2/V3	Multicast VLAN Registration (MVR)	
VLAN	IEEE 802.1Q Tag-based VLAN Q-in-Q tunneling	Up to 4K VLANs groups, out of 4049 VLAN IDs GVRP protocol for VLAN Management	
Flow Control	IEEE 802.3x PAUSE frame Flow Control, Full-Duplex mode Back-Pressure Flow Control, Half-Duplex mode		
Quality of Service (QoS)	8 priority queues Strict priority(SP), Weighted Round Robin(WRR), SP+WRR CoS policies Traffic-policing policies		
DHCP	DHCP Snooping	DHCP Relay	DHCP option 82
Security	IEEE 802.1x Port-Based / MAC-Based Authentication RADIUS / TACACS+ users access authentication Access Control List(ACL) Dynamic ARP inspection MAC Binding Broadcast Storm Control		
Management	Console/ Telnet Command Line Interface Web SNMP v1/v2c/v3, SSH v1/v2		
Others	Port mirroring Flow mirroring LLDP (Link Layer Discovery Protocol) DLDP (Device Link Detection Protocol) Egress and Ingress Bandwidth Control		

Others

Certification	FCC, CE
Environment	Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90%RH non-condensing Storage Humidity: 5%~90%RH non-condensing
Package	1* PE6328GF 1* Power Cord 1* RS232 Console Cable 2* Rackmount Brackets and the Fittings 1* Quick Installation Guide